

Attorney Docket No. P12660

LISTING OF CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

1. (Currently Amended) A method ~~for~~ of facilitating information interexchange between a telecommunications network serving a wireless communications device and an information service provider, said method comprising the steps of:

maintaining in a Business-to-Business (B2B) engine, pre-configured rules associated with the wireless communications device;

receiving in the B2B engine, realtime information associated with said the wireless communications device from a network node associated with said the telecommunications network;

determining from the pre-configured rules, whether any information services subscribed to by the wireless communications device can be provided by application modules in the B2B engine;

providing by the B2B engine for the wireless communications device, information services provided by the application modules in the B2B engine in accordance with the realtime information, upon determining that at least one of the information services subscribed to by the wireless communications device can be provided by the application modules in the B2B engine;

providing the received realtime information from the B2B engine to said the information service provider ~~automatically upon the receipt thereof based on the pre-configured rules, wherein the step of providing the received realtime information further comprises the step of filtering the received realtime information so that the information service provider is only provided with portions of the realtime information previously specified and subscribed to by the information service provider for the wireless communication device, upon determining that at least one of the information services subscribed to by the wireless communications device cannot be provided by the application modules in the B2B engine;~~ and

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~~forwarding content providing by the information service provider for the wireless communications device, information prepared services provided~~ in accordance with the realtime information ~~by the information service provider to the wireless communications device.~~

2. (Canceled).

3. (Original) The method according to claim 1, wherein said receiving step comprises receiving said realtime information at periodic intervals.

B | 4. (Original) The method according to claim 1, wherein said realtime information comprises location information associated with said wireless communications device.

5. (Original) The method according to claim 1, wherein said realtime information comprises an ON/OFF status indication for said wireless communications device.

6. (Original) The method according to claim 1, further comprising the step of: updating, in a database, information related to said received realtime information.

7. (Original) The method according to claim 6, wherein said updating step comprises the steps of:

validating an event related to said realtime information; and
storing said validated event in said database.

8. (Original) The method according to claim 1, wherein said realtime information is selected from a group consisting of: a communications device "ON" indication, a communications device "OFF" indication, location area information, cell global identity information, and cell routing area information.

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9. (Original) The method according to claim 1, wherein said wireless communications device is registered with said information service provider.

10. (Currently Amended) An apparatus for facilitating information exchange between a telecommunications network serving a wireless communications device and an information service provider, said apparatus comprising:

storage means for maintaining pre-configured rules associated with the wireless communications device;

a receiver for receiving realtime information associated with said the wireless communications device from a network node associated with said the telecommunications network;

at least one application module for providing information services to the wireless communications device in accordance with the realtime information;

means for determining from the pre-configured rules, whether any information services subscribed to by the wireless communications device can be provided by the application module;

means for forwarding to the wireless communications device, content information prepared by the application module in accordance with the realtime information; and

providing means for providing the received realtime information to said the information service provider ~~automatically upon the receipt thereof based on the pre-configured rules, said providing means filtering said received realtime information so that said information service provider is only provided with portions of said realtime information previously specified and subscribed to by said information service provider for said wireless communication device upon determining that at least one of the information services subscribed to by the wireless communications device cannot be provided by the application module; and~~

~~means for forwarding content information prepared in accordance with said realtime information by said information service provider to said wireless communications device.~~

11. (Canceled).

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12. (Currently Amended) The apparatus according to claim 10, wherein ~~said filter permits reception of said filtered realtime information from said the wireless communications device, said wireless communications device being registered to receive data from said information service provider~~ the providing means filters the received realtime information so that the information service provider is only provided with portions of the realtime information previously specified and subscribed to by the information service provider for the wireless communication device.

B1 13. (Original) The apparatus according to claim 10, wherein said receiver receives said realtime information at periodic intervals.

14. (Original) The apparatus according to claim 10, further comprising a database containing information related to said received realtime information.

15. (Original) The apparatus according to claim 14, further comprising updating means for updating said information associated with said received realtime information, said updating means comprising:

validating means for validating an event related to said received realtime information; and

storing means for storing the validated event in said database.

16. (Original) The apparatus according to claim 10, wherein said realtime information is selected from a group consisting of: location area information, routing area information, communications device "on" indication, communications device "off" indication and local cell global identity information.

17-27. (Canceled)

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28. (Currently Amended) The method according to claim 1, wherein said step of maintaining further comprises the steps of: further comprising establishing the pre-configured rules by a subscriber associated with the wireless communications device with the information service provider; and
storing the pre-configured rules within a business-to-business engine associated with the telecommunications network.

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29. (Currently Amended) The method according to claim 1, wherein said step of forwarding further comprises the step of: the forwarding steps include forwarding the content information to the wireless communications device in a message while the wireless communications device is idle.

30. (New) The method according to claim 1, wherein a plurality of telecommunications networks interface with the B2B engine and provide differing levels of information services to a plurality of wireless communication devices, and the method further comprises:

assigning a different identifier to each of the plurality of telecommunications networks; and

upon receiving realtime information from one of the plurality of telecommunications networks:

identifying the telecommunications network from which the realtime information was received; and

providing information services to the wireless communications device operating in the identified telecommunications network in accordance with the level of information services provided by the identified telecommunications network.

31. (New) The method according to claim 1, wherein the steps of providing information services by the B2B engine and by the information service provider include forwarding to the wireless communications device, content information prepared in accordance with the realtime information.

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32. (New) The apparatus according to claim 10, further comprising means for forwarding to the wireless communications device, content information prepared by the information service provider in accordance with the realtime information.

33. (New) A method of facilitating information interexchange between a telecommunications network serving a wireless communications device and a plurality of information service providers, said method comprising the steps of:

maintaining in a Business-to-Business (B2B) engine, pre-configured rules associated with the wireless communications device;

receiving in the B2B engine, realtime information associated with the wireless communications device from a network node associated with the telecommunications network;

determining from the pre-configured rules, whether any information services subscribed to by the wireless communications device can be provided by application modules in the B2B engine;

forwarding from the B2B engine to the wireless communications device, content information prepared by the application modules in the B2B engine in accordance with the realtime information, upon determining that at least one of the information services subscribed to by the wireless communications device can be provided by the application modules in the B2B engine;

providing the received realtime information from the B2B engine to a content aggregator, upon determining that at least one of the information services subscribed to by the wireless communications device cannot be provided by the application modules in the B2B engine;

gathering by the content aggregator, information content from the plurality of information service providers; and

forwarding from the content aggregator to the wireless communications device, content information prepared by the plurality of information service providers in accordance with the realtime information.